



November 13, 2017

Susan Morales
U.S. Environmental Protection Agency - Region 10
1200 Sixth Avenue, Suite 900
Mailstop: ECL-112
Seattle, WA 98101

Dear Ms. Morales,

Clark County (WA) Public Health (CCPH) enthusiastically offers our application for an Environmental Protection Agency Brownfields Community-Wide Assessment Grant for \$300,000 to address hazardous substance (\$150,000) and petroleum (\$150,000) impacted Brownfields sites in our County.

Clark County's 467,018 citizens reside adjacent to the northern shore of the Columbia River. Clark County is home to several cities, including Vancouver (pop. 161,791), farm land, forest lands and the foothills of the Cascade Mountains. As our urban and suburban population grows, Clark County Public Health continues to work to ensure that all of our citizens can equitably benefit by addressing health disparities, protecting environmental health, and supporting healthy behaviors. With these goals in mind we are submitting a proposed Community Wide Assessment project that will focus outreach and assessment efforts towards those members of our community who are disproportionately impacted by the negative effects of pollutants and economic disparity. We also recognize that Brownfields resources can create benefits in the small cities and towns of our county and plan to work in those communities on sites that represent key economic development opportunities.

Nearly 100% of Clark County's citizen's acquire their primary drinking water from a local source groundwater aquifer and groundwater protection is a priority. Public Health sees this grant as an important element in our continued efforts to protect our groundwater. Since Clark County is home to multiple streams that serve as bearing, rearing and spawning streams for native salmon, and we are bordered to our southwest and west by the Columbia River, protection of fish and aquatic habitat is extremely important to our communities.

Applicant Identification

The proposed recipient of the EPA Community Wide Assessment Grant award is Clark County, Washington – Public Service Center, 1300 Franklin Street, Vancouver, WA 98660

A. Funding Requested:

- I. Grant Type: Assessment
- II. Assessment Grant Type: Community-Wide
- III. Federal Funds Requested: \$300,000
- IV. Contamination: We are requesting \$150,000 for assessment of hazardous substance impacted sites and \$150,000 for petroleum impacted sites.



B. **Location:** Clark County, Washington

C. **Site Specific:** This is a Community-Wide Assessment application and does not include site-specific information.

D. **Project Contacts:**

Project Director

Bryan DeDoncker
Clark County Public Health Department
P.O. Box 9825
Vancouver, WA 98666
bryan.dedoncker@clark.wa.gov
(360) 397-8428 ext. 8153

Chief Executive

Marc Boldt, Chair
Clark County Board of County Councilors
1300 Franklin Street
Vancouver, WA 98660
marc.boldt@clark.wa.gov
(360) 397-2000

E. **Population:**

- I. 467,018
- II. Clark County is a municipal form of government
- III. Persistent Poverty: We affirm that Clark County is not classified as a Persistent Poverty County.

F. **Regional Priorities Form/Other Factors Checklist:** Please see attached.

G. **Letter from State or Tribal Environmental Authority**

Clark County Public Health's strong connection to our most vulnerable citizens through our ongoing partnerships with community organizations, direct public health service delivery, and health protection programs enables us to implement the Community-Wide Assessment Grant in an efficient manner with a strong public health result focus.

Thank you for your consideration of our grant application materials.

Sincerely,

Alan Melnick, MD, MPH, CPH
Public Health Director/Health Officer
Clark County Public Health

Appendix 3 - Regional Priorities Form/Other Factors Checklist

Name of Applicant: Clark County Public Health (CCPH)

Regional Priorities Other Factor

If your proposed Brownfields Assessment project will advance the regional priority(ies) identified in Section I.F., please indicate the regional priority(ies) and the page number(s) for where the information can be found within your 15-page narrative. Only address the priority(ies) for the region in which your project is located. EPA will verify these disclosures prior to selection and may consider this information during the selection process. If this information is not clearly discussed in your narrative proposal, it will not be considered during the selection process.

Regional Priority Title(s):

- **Protect/Enhance Water** - This regional priority includes proposed projects which will reduce threats to human health and the environment from the release of hazardous substances, pollutants or contaminants, by supporting efforts to protect or enhance water supplies, including surface water, ground water and/or storm water infrastructure. EPA Region 10 is particularly interested in projects that improve or protect the quality of water associated with brownfield sites or whereby addressing the brownfield site will reduce threats to nearby residents.

OR

- **Threatened and Endangered Species** - This regional priority includes proposed projects which facilitate the creation, addition or preservation of the habitats (e.g. state, tribal or local parks, greenways, recreational or undeveloped property dedicated to nonprofit use) of federal and state-listed threatened and endangered species.

Page Number(s): 3, 4, 13

Assessment Other Factors Checklist

Please identify (with an *x*) which, if any, of the below items apply to your community or your project as described in your proposal. To be considered for an Other Factor, you must include the page number where each applicable factor is discussed in your proposal. EPA will verify these disclosures prior to selection and may consider this information during the selection process. If this information is not clearly discussed in your narrative proposal or in any other attachments, it will not be considered during the selection process.

Other Factor	Page #
<i>None of the Other Factors are applicable.</i>	
Community population is 10,000 or less.	
The jurisdiction is located within, or includes, a county experiencing “persistent poverty” where 20% or more of its population has lived in poverty over the past 30 years, as measured by the 1990 and 2000 decennial census and the most recent Small Area Income and Poverty Estimates.	
Applicant is, or will assist, a federally recognized Indian tribe or United States territory. (x)	12
Target brownfield sites are impacted by mine-scarred land.	
Project is primarily focusing on Phase II assessments. (x)	9, 12, 13, 15
Applicant demonstrates firm leveraging commitments for facilitating brownfield project completion, by identifying in the proposal the amounts and contributors of resources and including documentation that ties directly to the project. (x)	9, 10
Applicant is a recipient of an EPA Brownfields Area-Wide Planning grant.	



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

PO Box 47600 • Olympia, WA 98504-7600 • 360-407-6000
711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

November 6, 2017

Susan Morales
U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue, Suite 900 (ECL-112)
Seattle, Washington 98101

Dear Ms. Morales:

I understand that Clark County Public Health (County) will submit an application to the U.S. Environmental Protection Agency (EPA) for an Assessment Grant under the Fiscal Year 2018 Brownfields Program grant cycle. The County intends to use EPA grant funds to inventory brownfield sites, prioritize sites impacted by petroleum and hazardous substances, and assess existing contamination to plan for cleanup and reuse of priority sites throughout the County. The project will support EPA's current economic development and environmental cleanup efforts by identifying environmental concerns and positioning brownfields sites for reuse.

As a requirement of the application, the County has informed Ecology of their plans to apply for this assessment grant. Ecology is very supportive of these efforts and this letter is provided to recognize that the County has fulfilled their notification requirement. The Ecology point of contact for this project is Rebecca Lawson, in Ecology's Southwest Regional Office. Her telephone number is (360) 407-6241. For questions regarding this letter or general Brownfields questions, please contact me at (360) 407-7188.

Sincerely,

A handwritten signature in blue ink, reading "Alan Bogner".

Alan Bogner
Brownfields Manager
WA State Department of Ecology
PO Box 47600
Olympia, WA 98504-7600

cc: Bryan DeDoncker, Clark County Public Health
Rebecca Lawson, Ecology
Tom Middleton, Ecology
Deborah Burgess, EPA

1. COMMUNITY NEED

a. Target Area and Brownfields

i. Community and Target Area Descriptions: Clark County is located in the southwestern region of the state of Washington. The total population of Clark County is 467,018, making it the 5th most populous county in Washington.¹ Clark County was the second-fastest growing from 2000 to 2010 with an increase of 80,125 people (23% of the population).¹ The county seat and largest city is Vancouver.

The Lewis and Clark expedition arrived here in 1805, the British Hudson's Bay Company established Fort Vancouver in 1825, and the town of Vancouver was incorporated in 1857. The county's geographical location first made it a main trading center, then an agricultural area. The region developed in agriculture, lumber, and fishing, and later in shipbuilding and aluminum. More recently, affordable hydroelectric energy sources the Lewis and Columbia rivers has attracted manufacturing development. The area has strong industry clusters in semiconductors, high technology and services. Clark County offers businesses the advantages of a major metropolitan city combined with affordable land, housing and business costs.

As reported by the Census Bureau, the county has a total area of 656 square miles (1,700 km²), of which, 628 square miles (1,627 km²) of it is land and 28 square miles (72 km²) of it (4.27%) is water. Clark County is surrounded on two sides by the Columbia River and on the north by the North Fork of the Lewis River. The East Fork of the Lewis River and the Washougal River cut across the county. The largest stream arising solely within the county is Salmon Creek, which feeds into Vancouver Lake before eventually flowing into the Columbia River.

Clark County Public Health has defined two distinct target-areas that we will address with this Community Wide Assessment (CWA) grant funding.

- Environmental Justice (EJ) Communities: Clark County Public Health has identified 23 census Blockgroups, using EPA's EJScreen tool that will comprise a priority target area for outreach and implementation of the grant. This target area hosts a population of 38,132 people with an average 89% of the national comparable defined as low income.^{2,3} This target area has an average 34% minority population and an average per capita income of \$16,784. This defined target area contains many Environmental Indicators, Demographic Indicators, and EJ Indexes exceeding 80%, as shown in EPA's EJScreen tool. This target area is geographically located in both the urban and rural areas of Clark County. Clark County Public Health will target approximately 75% of its resources towards this identified target area.
- Focused Economic Redevelopment Areas: Clark County Public Health has partnered with all Clark County municipalities to identify and inventory Brownfields that will qualify as potential candidates for local economic redevelopment. This target area

¹ US Census Bureau: *American Community Survey 2011-2015*.

² EPA's Environmental Justice Screening and Mapping Tool (Version 2017) at: <https://ejscreen.epa.gov/mapper/>

³ Target Area data is based on compiled census block groups and relative census tracts.

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includes all of Clark County and municipalities. Clark County Public Health will target approximately 25% of its resources towards this identified target area.

ii. Demographic Information and Indicators of Need:

Table 1: Demographics and Health Indicators	EJ Target Area⁽⁷⁾	Clark County	WA State	National
Population ^(3,6)	38,132	467,018	6,899,123	314,107,084
Life Expectancy (years) ^(1,4)	80.3*	80.0	78.0	78.8
All Mortality (Age Adjusted Rate per 100,000) ^(1,4)	781.5*	710.1	684.3	733.1
All Cancer Mortality (Age-Adjusted Rate per 100,000) ^(1,4)	212.3*	169.9	156.5	158.5
Diabetes Mortality (Age-Adjusted Rate per 100,000) ^(1,4)	31.3*	24.0	21.7	21.3
Premature Birth (Percent of All Births) ^(2,5)	12*	10.0	9.6	9.6
Low Birth Weight (Percent of all Births) ^(2,5)	6.9*	6.1	6.4	8.1
Percent Population With No Health Insurance ⁽³⁾	19 ⁺	13	16	18
Percent Minority ⁽³⁾	29%	15%	22%	26%
Percent Poverty ⁽³⁾	30%	11%	13%	16%
*represents the targeted 23 census block groups combined +represents the 18 combined census tracts in which the targeted 23 blocks groups fall within Data Sources: 1. US Census Bureau: <i>American Community Survey 2011-2015</i> . 2. Washington State Department of Health, Center for Health Statistics: <i>Death Certificate Data, 2013-2015</i> . 3. Washington State Department of Health, Center for Health Statistics: <i>Birth Certificate Data, 2013-2015</i> . 4. Xu JQ, Murphy SL, Kochanek KD, Arias E. Mortality in the United States, 2015. NCHS data brief, no 267. Hyattsville, MD: <i>National Center for Health Statistics</i> . 2016. 5. Martin JA, Hamilton BE, Osterman MJK, et al. Births: Final data for 2015. National vital statistics report; vol 66, no 1. Hyattsville, MD: <i>National Center for Health Statistics</i> . 2017. 6. EPA's Environmental Justice Screening and Mapping Tool (Version 2017) at: https://ejscreen.epa.gov/mapper/ 7. Target Area data is based on compiled census block groups and relative census tracts.				

As shown in Table 1, All Mortality, All Cancer Mortality, Diabetes Mortality, Premature Birth, and Percent Population with No Health Insurance, exceed the rest of the county comparison, Washington State, and National averages. This demonstrates a greater need for assistance in the EJ Communities target area than other comparable areas when looking at toxics in the environment that have potential correlations with health indicators. This data demonstrates that significant socioeconomic disadvantages and health disparities exist amongst the target population that Brownfield CWA efforts can positively impact.

iii. Description of Brownfields: A preliminary inventory of potential brownfields identified 203 sites on Washington State Department of Ecology's Confirmed and Suspected Contaminated Sites List (CSCSL) that fall within our county/community-wide jurisdiction. Of the 203 sites, 24 sites are situated within our EJ Communities target area. The total 203 sites have a variety of potential contaminants consisting of both hazardous substances and petroleum. Clark County Public Health will inventory potential brownfield sites throughout the county and partnering municipalities to prioritize sites ready for assessment activities. Both petroleum and hazardous substances will be evaluated with lead (Pb) given special consideration in regards to both.

Three prominent brownfields to be addressed in this CWA Grant include:

- **Leichner Brothers Landfill Surrounding Area:** Leichner Brothers Landfill is a 140 acre closed unlined solid waste landfill. This landfill is on WA Department of Ecology's

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Hazardous Site List for confirmed groundwater contamination from volatile organic compounds (VOC's) and inorganics. Adjacent and surrounding properties, zoned light industrial/commercial, are held vacant and underutilized due to the close proximity to the landfill. It is unknown if the groundwater contamination, or past landfill activities, has directly affected these surrounding properties. The Brownfield CWA Grant will confirm the presence or absence of onsite contamination.

- **A&B Radiator:** This commercial/industrial zoned .61 acre site, located within our priority EJ communities target area, had various automotive repair activities operating since the 1940's. An Initial Investigation and Site Hazard Assessment, conducted by Clark County Public Health, verified subsurface soil and groundwater contamination with lead, arsenic, & chromium due to illicit discharges of industrial wastewater into an onsite septic system. The investigation/assessment was not a full Phase 2 Environmental Assessment intended to grasp the site's full range of contamination, but rather a response to an illicit discharge. This site is a great example of a brownfield that is an underutilized commercial/industrial property located in an area experiencing growth.
- **Clark County Rural Industrial Land Bank:** Clark County, in accordance with Washington's Growth Management Act (GMA), has identified two rural industrial land banks with the intent that they develop as industrial properties. Two adjacent properties of 223 acres and 378 acres are located central to several rural communities and towns have been designated as the Rural Industrial Land Bank⁴. The designated lands include several farms, including a large dairy that will need to be assessed for hazardous substance and petroleum contaminants prior to industrial development.

The three brownfields mentioned above are all within groundwater zones of contribution for large municipal drinking water source wells. Volatile organic compounds, heavy metals, polycyclic aromatic hydrocarbons (PAH's), herbicides/pesticides, and petroleum products are all suspected or confirmed contaminants at these sites. The visual perception of these sites, as well as their history, deters land developer confidence and interest.

b. Welfare, Environmental, and Public Health Impacts

i. Welfare Impacts: The EJ Communities target area is more disadvantaged by welfare issues than the rest of the county. Known or suspected brownfields in this specific target area consist of vacant or underutilized properties, commercial buildings in poor condition, and lack of streetscape contributing to blight and deterrence of public foot traffic. This target area is plagued by outdated utility infrastructure and an overall lack of curb appeal. The area lacks nearby groceries, markets, and parks/green spaces giving it a poor walkability factor. Lack of walkability, bicycle lanes, and sparse public transit (bus) pickup times make the area predominantly a thoroughfare for automobile traffic. These characteristics contribute to a lower assessed value of residential and commercial property, which leads to a lower tax base. This target area has the highest poverty rates, crime rates, and unemployment rates in the county. According to EPA's EJScreen tool, this area is up to 97% of the USA percentile for being linguistically isolated, with having up to a 99% Superfund proximity.

⁴ Clark County Community Planning Department, <https://www.clark.wa.gov/community-planning/rural-industrial-land-bank>

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ii. Cumulative Environmental Issues:

- *Domestic Exposure to Toxins:* Radon is naturally elevated within homes in and around the EJ Target Area.⁵ Elevated levels of arsenic are found naturally occurring in groundwater in and around the target area.⁶ The EJ Target Area has a high percentage of older homes with increased lead paint hazards.⁴ This data shows some of the residential exposure to toxics that are potentially independent of brownfields, showing the environmental disadvantages of the population within the EJ Target Area.
- *Ambient Air Quality:* Clark County has been subject to decreased air quality, due to increased forest fire activity within the Columbia Gorge, and nearby areas within the region. The EJ Target Area has EJ Indexes of NATA Diesel Particulate Matter up to 94%, NATA Respiratory Hazard Index up to 95-100%, NATA Cancer Risk up to 91%, and a Traffic Proximity up to 95% of the national comparable average.²
- *Priority Habitat and Species Vulnerability:* Clark County has 11 main watersheds that host a variety of threatened or endangered species, such as the Bull trout, Steelhead trout, Coho Salmon, Chinook Salmon, Chum Salmon, and the Northern Spotted Owl. Brownfield CWA resources will provide the ability to conduct environmental assessments on brownfields that may have direct impacts onto sensitive environments.

iii. Cumulative Public Health Impacts: Brownfield sites in the priority target area create localized impacts to soil, water and air that cumulatively expose residents and workers more frequently to health-impacting contaminants. In addition, as Table 1 shows, the EJ Target Area suffers from higher rates of mortality, cancer, diabetes, and premature birth. According to the Washington Tracking Network, the EJ Target Area is rated as having the highest level (10 of 10) of Social Determinants (limited English, limited access to a private vehicle, no high school diploma, population 65+ living alone, and population with a disability), Economic Determinants (children living in poverty, population 18 to 65 with no health insurance, population living in poverty, single parent household, unaffordable housing, and unemployed), and Poor Health Outcomes (cancer deaths, deaths from cardiovascular disease, low birth weight, lower life expectancy, and premature death).⁴ These factors all lead to the highest ranking level for Health Disparities in the EJ Target Area.

The 24 sites on Ecology's CSCSL, situated within the EJ Target Area, are known and/or suspected to have subsurface soil and/or groundwater contaminated with heavy metals, volatile and semi-volatile organic compounds, PAH's, petroleum hydrocarbons, etc.⁷ This number of known potential brownfields within the EJ Target Area, coupled with known Health Disparities, demonstrates a accumulation of potential public health impacts.

⁵ Washington State Department of Health, *Washington Tracking Network (WTN)* at:

<https://www.doh.wa.gov/DataandStatisticalReports/EnvironmentalHealth/WashingtonTrackingNetworkWTN>

⁶ USGS, Water Quality of The Columbia River Basin at: <https://pubs.er.usgs.gov/publication/wri954294>

⁷ Washington Department of Ecology, *Confirmed and Suspected Contaminated Sites List (CSCSL)* at: <https://fortress.wa.gov/ecy/gsp/SiteSearchPage.aspx>

c. Financial Need

i. Economic Conditions: Historically, Clark County relied on the timber and aluminum industries, as well as agriculture for citizen employment and economic development. Since the decline of those industries, urban sprawl and rural development have become prominent economic forces in the county. This shift has brought about an increase in low-paying service jobs and has forced many workers to commute outside of the target area and/or the county. This economic shift has resulted in more economic development occurring in undeveloped areas rather than redeveloping in older developed areas needing revitalization.

Low incomes, high poverty rates, infrequent public transportation, and old housing lowered the tax base and put economic hardships within EJ Target Area. The identified EJ Target Area has economic need and can be benefitted through Brownfield CWA assistance.

ii. Economic Effects of Brownfields: Brownfields in the EJ Target Area, in addition to socio-economic conditions, have contributed to land devaluation and lower home prices than in greater Clark County. This result has deterred economic development by allowing blight to cause disinterest in investors and developers. This culminates in lack of consumer confidence, job market investment, land investment, and overall economic progress within the EJ Target Area. Some portions of this target area lie within the City of Vancouver's Fourth Plain Forward initiative. The Fourth Plain Forward initiative is a multi-year plan that aims to strengthen a key portion of the EJ Target Area. However, the EJ Target Area expands outside of jurisdictional limits of City of Vancouver and into other municipalities, as well as the County. Therefore, the sum total of brownfields in the EJ Target Area places economic effects on more than one local government and local community. This has forced multiple communities within a larger community to independently attempt at investing, financing, and solving issues surrounding brownfields. CCPH will effectively allocate CWA resources to the areas affected by brownfields throughout Clark County.

2. PROJECT DESCRIPTION AND FEASIBILITY OF SUCCESS

a. Project Description, Redevelopment Strategy, and Timing and Implementation

i. Project Description and Alignment with Revitalization Plans: Clark County Public Health (CCPH) will focus assessment efforts in two primary portions of our community – environmental justice (EJ) communities and commercial/industrial cores in towns, cities and communities within the rural areas and incorporated municipalities of Clark County – Battleground, Camas, La Center, Ridgefield, Vancouver, Washougal, and Yacolt.

Focus Area One are EJ communities identified throughout the County composed of 23 EJ census block groups from the 2010 Census.² In these areas we will work with local community organizations and programs such as the Food Systems Council, Fourth Plain Forward and Public Health's Partnerships for Healthy Neighborhoods to connect with community leaders and local property owners to identify candidate assessment sites. Since these communities are the most at risk from a public health perspective, we will prioritize towards properties that will provide the most benefit towards toxins removal and economic potential.

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Focus Area Two will be industrial/commercial centers identified by towns, cities and local economic development councils that can have significant economic impact to those communities. This focus area extends the economic benefits of our program to our small-to-medium population centers and will target properties that are aligned with local economic and community development plans.

ii. Redevelopment Strategy: Clark County will work directly with local organizations focused on economic and community development – the Clark County Community Development Department (CCCD), Columbia Regional Economic Development Council (CREDC), the Camas-Washougal Economic Development Association (CWEDA), and the City of Vancouver’s Economic Development division to prioritize identified sites based on redevelopment potential and established plans. Existing redevelopment strategies are outlined in Table 2.

Table 2. Clark County Brownfield Project Proposed Redevelopment Strategies		
State & County Policies & Plans	Proposed Redevelopment Strategies	Alignment with EPA Livability Principles
Clark County Comprehensive Growth Management Plan ⁽¹⁾	<ul style="list-style-type: none"> • Economic Development consistent with comprehensive plans, promote economic opportunity for all citizens. • Protect the environment and enhance air and water quality. • Encourage affordable housing to all economic segments of population. • Encourage efficient, multi-modal transportation systems based on regional priorities. 	<ul style="list-style-type: none"> • Promote equitable, affordable housing • Provide more transportation choices • Support existing communities • Value communities and neighborhoods
Clark County Rural Industrial Land Bank ⁽²⁾	<ul style="list-style-type: none"> • An inventory of potential sites within urban growth areas; • Consultation with affected cities is required; • Site has to be master-planned; • Site has to have a programmatic level of environmental review. 	<ul style="list-style-type: none"> • Enhance economic competitiveness • Support existing communities • Value communities and neighborhoods
Fourth Plain Forward (City of Vancouver) ⁽³⁾	<ul style="list-style-type: none"> • Strengthen and grow small businesses; • Create opportunities for entrepreneurs; • Improve the corridor’s safety and appearance • Promote equitable and inclusive development. 	<ul style="list-style-type: none"> • Promote equitable, affordable housing • Provide more transportation choices • Support existing communities • Value communities and neighborhoods
WA Dept. of Commerce: Brownfields Revolving Loan Program	<ul style="list-style-type: none"> • Help local and regional governments, non-profit agencies and private businesses cleanup and redevelop Brownfields sites 	<ul style="list-style-type: none"> • Enhance economic competitiveness • Support existing communities • Value communities and neighborhoods
1. Clark County 20 Year Comprehensive Growth Management Plan, 2015-2035: https://www.clark.wa.gov/community-planning/comprehensive-growth-management-plan 2. Clark County Rural Industrial Land Bank, 2017: https://www.clark.wa.gov/community-planning/rural-industrial-land-bank 3. City of Vancouver, WA, Fourth Plain Forward Initiative, 2017: https://www.cityofvancouver.us/ced/page/fourth-plain-forward		

iii. Timing and Implementation:

(a) **Contractor procurement**: Clark County Public Health (CCPH) will follow a competitive solicitation process for the selection of a contractor, who will assist with the

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implementation of the CWA project tasks. CCPH's complete solicitation process to procure a contractor follows the 2 CFR 200 guidelines, plus state and local requirements that govern public funding management. We will draft a competitive solicitation (RFP) for a qualified contractor within the first month of the CWA grant. The second and third month will we will facilitate the release of the RFP, complete an evaluation process, select an apparent awardee, and negotiate a contract for a qualified contractor.

(b) For Community-wide proposals, site identification/inventory process development, site prioritization, and selection process: CCPH will use a multi-faceted approach when considering potential brownfield sites within its target areas. The initial phase of the project implementation will consist of working with Department of Ecology to compile a list of potential brownfield sites using state and county databases. The next phase will identify potential brownfield sites guided by municipalities, economic development organizations, and other community stakeholders and organizations. Site prioritization will be established in collaboration with the BAC, and will include these factors: 1) Imminent threats to public health; 2) Proximity to vulnerable populations, 3) Proximity to sensitive environments, 4) Existing redevelopment infrastructure established, and 5) Property vacancy status.

(c) Obtaining and securing site access: Access to sites will be voluntarily granted by the property owner(s) before any site assessment efforts are initiated. CCPH directly collaborates with property owners in many of its departmental programs and has a successful history in acquiring site access. Public Health has a strong advantage amongst other government agencies in gathering property owner trust and understanding. CCPH will emphasize that this CWA grant acts a beneficial resource to property owners and the community.

b. Task Descriptions and Budget Table

i. Task Descriptions:

Task 1 – Project Management (\$18,000 Grant-Funded Activities plus \$2,000 Voluntary Match): CCPH will coordinate outreach, community involvement, candidate site prioritization, consultant management and environmental site assessments. This will include quarterly and yearly reporting on program activities and accomplishments. This will be budgeted at \$2,400 each grant (48 hours at \$50/hour) for CCPH staff project management/administration. Contracting costs of \$8,800/grant (80 hours at \$110/hour) is budgeted for preparing an estimated 12 reports (4 each year of project), including ACRES and other project support activities. \$2,200/grant is for County staff (up to two) to attend two three-day national conferences or state/regional conferences. Voluntary match: \$2,000 (40 hours at \$50/hour) per grant.

Task 2 – Outreach and Community Involvement (\$15,400 Grant-Funded Activities plus \$2,000 Voluntary Match): CCPH will work with local municipalities, economic development organizations, and community organizations to conduct public outreach activities for the grant and inform citizens and business owners about the activities and benefits of assessments and other technical assistance. CCPH will establish a Brownfields Advisory Committee (BAC) consisting of members of those organizations. The title of our program will be Brownfields Assessment, Assistance and Action (BA³), which will focus on how an assessment can enable other technical and financial assistance to property owners in order to propel revitalization. The

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BAC will meet quarterly the first full year of the project and then at least twice annually and will produce minutes and project updates after each meeting.

CCPH will establish a minimum of 4 public meetings to present the Brownfields grant project and provide candidate site identification guidance to community members and partner organizations. One of these meetings will occur as part of a Board of Health meeting and 3 other meetings conducted at locations convenient to community partners. These meetings will be announced through a county-wide Press Release, Public Health's website, and using the Green Neighbors and Green Business contact lists. The budget accounts for \$8,800/grant (80 hours at \$110/hour) for consultant assistance with to facilitate community outreach events, produce project marketing materials and assist Clark County with site-specific outreach to property owners, CCPH staff work at \$2,400 each grant (48 hours at \$50/hour), plus supplies to produce materials at \$1,500/grant. Voluntary match: \$2,000 (40 hours at \$50/hour) per grant.

Task 3 – Brownfields Inventory, Prioritization and Site Eligibility Determination (\$14,600 Grant-Funded Activities plus \$2,000 Voluntary Match): CCPH will work with municipalities, economic development, and community organizations through the BAC to create an initial list of potential candidate sites throughout Clark County and then develop a prioritization approach for candidate Brownfields sites. Clark County and the contractor will perform the following activities as part of this task: 1) Review existing WA cleanup sites list, conduct field surveys of brownfield sites to verify past use and current conditions, plus identify potential redevelopment potential; 2) Contact local developers, property owners and economic development organizations to gauge interest in the program; 3) Evaluate identified sites using BAC-developed prioritization criteria and rank them; 4) Develop a Candidate Site Inventory Report, that includes site information and ranking criteria; and 5) Complete eligibility determinations for the top 20 highest-ranked sites (10 petroleum & 10 hazardous substance).

As sites are identified, CCPH will work with the consultant to evaluate eligibility and market potential BA³ program benefits. CCPH staff costs are \$1,800 per grant (36 hours at \$50/hour). Contractual services are budgeted at \$5,500 per grant (50 hours at \$110/hour) to perform field surveys for candidate sites, participate in outreach activities, and assist with prioritization and eligibility determinations. Voluntary match: \$2,000 (40 hours at \$50/hour).

Task 4 – Phase I Environmental Site Assessments (ESAs) (\$53,600 Grant-Funded Activities plus \$2,000 Voluntary Match): CCPH will oversee 10 Phase I ESAs (5 petroleum & 5 hazardous substance) performed by a consultant hired through a competitive procurement process on eligible candidate sites with participating property owners. Phase I ESA sites will be selected based on the BAC's prioritization criteria. Phase I ESAs will be completed in accordance with All Appropriate Inquiries Final Rule and the standards set forth in ASTM E1527-13 Phase I ESA process. The contractor will complete Phase I ESAs, that will include Health and Safety plans (HASPs), and ACRES updates, at an average cost of \$5,000 (\$25,000/grant). The budget includes County personnel costs of \$1,800/grant (36 hours at \$50/hour) to assist with data acquisition, report review and property owner meetings. Voluntary match: \$2,000 (40 hours at \$50/hour) per grant.

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Task 5 - Phase II ESAs and Remedial Action Plans (\$188,400 Grant-Funded Activities plus \$2,400 Voluntary Match): CCPH will oversee six (6) Phase II ESAs on eligible candidate sites with participating property owners. Meetings to recruit property owners will focus on the details of the Phase II sampling, potential results based on the Phase I completed, and assistance programs that are available. The contractor will perform the following activities: 1) preparation of a Quality Assurance Project Plan (QAPP) at an estimated cost of \$8,000 (\$4,000/grant); 2) complete of Phase II ESAs at three high-priority petroleum and three hazardous-substance sites (estimated average cost of \$22,000 each (\$66,000/grant); 3) preparation of remedial action plans at one petroleum and one hazardous substance site (\$22,000/grant). For three (3) sites that are positioned for redevelopment, CCPH will connect property owners with community partners and economic development organizations that can provide additional help. County personnel costs of are \$2,200 (44 hours at \$50/hour). Voluntary Match: \$2,400 (48 hours at \$50/hour).

ii. Budget Table:

Table 3: Project Budget Table						
Hazardous Substance Funds - Project Tasks (\$)						
	Task 1	Task 2	Task 3	Task 4	Task 5	Total
Budget Categories	Project Management	Outreach & Community Involvement	Inventory, Prioritization & EDs	Phase I ESAs	Phase II ESAs and RAPs	
Personnel	\$2,400	\$2,400	\$1,800	\$1,800	\$2,200	\$10,600
Travel ¹	\$2,200					\$2,200
Supplies		\$1,500				\$1,500
Contractual	\$4,400	\$8,800	\$5,500	\$25,000	\$92,000	\$135,700
Total	\$9,000	\$12,700	\$7,300	\$26,800	\$94,200	\$150,000
Petroleum Funds - Project Tasks (\$)						
	Task 1	Task 2	Task 3	Task 4	Task 5	Total
Budget Categories	Project Management	Outreach & Community Involvement	Inventory, Prioritization and EDs	Phase I ESAs	Phase II ESAs and RAPs	
Personnel	\$2,400	\$2,400	\$1,800	\$1,800	\$2,200	\$10,600
Travel ¹	\$2,200					\$2,200
Supplies		\$1,500				\$1,500
Contractual	\$4,400	\$8,800	\$5,500	\$25,000	\$92,000	\$135,700
Total	\$9,000	\$12,700	\$7,300	\$26,800	\$94,200	\$150,000
1. Travel to brownfields-related training conferences is an acceptable use of these grant funds.						

c. Ability to Leverage

CCPH has established partnerships and connected with several local economic development organizations that will provide assistance and development that will propel sites forward. First, Public Health has established programs that are connected to a diverse range of local community health and environmental organizations. We are committing our staff in those programs – Green Business, Green Neighbors and several programs within our Chronic Disease Prevention Program (Partnerships for Healthy Neighborhoods, Food System Council, etc.) – to assist us with outreach and community involvement efforts using their established networks and events.

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Clark County Public Health, Washington – FY18*

Table 4: Leveraged Resources			
Source	Purpose/Role	Amount (\$)	Status
CCPH: Hazardous Assessment Program	In-kind services towards the management of the grant, outreach, and assessment work.	\$10,400	secured resource
CCPH: Green Business Program	In-kind services to coordinate outreach and communications with business community	\$3,500	secured resource
CCPH: Green Neighbors Program	In-kind services to coordinate outreach and communications with local community organizations	\$3,880	secured resource
CCPH: Chronic Disease Prevention Program	In-kind services to coordinate outreach and communications with community organizations	\$2,300	secured resource
City of Vancouver: Community and Economic Development Dept.	In-kind services toward technical assistance, site selection, and outreach.	\$5,400	secured resource

Clark County expects that leveraged resources from several other local and regional partners will be applied to propel Brownfields redevelopment work through several existing County and local programs and organizations. CCPH had not discussed specific commitments with organizations when we'd approached them for letters of support, but we are confident that they will be able to provide assistance to property owners and communities to move assessed sites to redevelopment.

The Fourth Plain Forward initiative, coordinated by the City of Vancouver, will be able to help businesses and property owners capitalize on several established programs that incentivize building and infrastructure improvements along the Fourth Plain Boulevard corridor.

The Columbia Regional Economic Development Council (CREDC), the Associate Development Organization for Clark County has committed to supporting peer reviews, assisting with site selection and prioritization, and participating in our BAC. The Camas-Washougal Economic Development Association (CWEDA), created by the two cities and the Port of Camas-Washougal, has the primary mission to help existing businesses succeed and bring new businesses and jobs to those communities. CWEDA will assist our project through targeted outreach within their community and providing their services to assessed sites.

The Intertwine Alliance, a coalition of 150+ public, private and nonprofit organizations working to integrate nature more deeply into the Portland-Vancouver metropolitan region, has committed to support CCPH on creating cross-sector communications and build collaborations with other local and regional organizations.

3. COMMUNITY ENGAGEMENT AND PARTNERSHIPS

a. Engaging the Community

i. Community Involvement Plan: At the beginning of the project CCPH will establish a Brownfields Assessment, Assistance and Action (BA³) website that will have a calendar to announcement major events and meetings (including minutes), project description and plan, and

*Application for USEPA Brownfields Community-Wide Assessment Grant
Clark County Public Health, Washington – FY18*

who to contact. As the project progresses the BA³ website will be a central source for community information on the progress of the project.

Our initial outreach steps will be to establish a plan and organize at least 4 community outreach meetings in locations throughout the County in coordination with our community and municipal partners. Our initial announcement and meeting would be at a Board of Health meeting in Vancouver within the first month of the grant, followed by public meetings at locations centralized to reach most of our municipal partners and EJ community organizations.

The initial announcements will include a call to recruit Brownfield Advisory Committee (BAC) members, a description of the major project elements, plus questions and answers. The BAC will convene within the six weeks of the project and will consist of CCPH, economic development organizations, target community members, several municipality representatives and community organizations. The BAC's key roles will be to guide outreach and communications, develop the approach for identification and prioritization of candidate sites, and advise on strategies for enhancing revitalization follow-through.

Engagement with community-based, non-governmental organizations will be accomplished through work with our partners and through existing CCPH programs. For example, our Green Neighbors and Healthy Communities Programs will engage their established contacts with community organizations (e.g. Intertwine Alliance) and neighborhood associations that encompass EJ communities (e.g. Rosemere Neighborhood Association).

Engagement with the business community will be accomplished through work with our economic partners, municipal Community Development offices and CCPH's Green Business Program. The Green Business Program has been successful in promoting sustainable business practices in Clark County since it launched in 2011. There are currently 74 certified Green Businesses, and the ranks are growing. Outreach opportunities that Green Business provides include monthly "morning blend" networking meetings, monthly newsletters, and the annual Clark County Green Awards ceremony.

ii. Communicating Progress: CCPH will update the community on the BA³ Project in public forums through two primary vehicles – two Board of Health meetings each year, and at BAC meetings that will be conducted at least twice per year. The BA³ web-site will be the primary resource for posting updates and project documents. As the project reaches significant milestones, CCPH will use Press Releases, and send notifications through our established social media outlets (e.g. Green Neighbors) to guide the community to more detailed updates.

b. Partnerships with Government Agencies

i. Local/State/Tribal Environmental Authority: Clark County Public Health has a strong working relationship with Washington State Department of Ecology's Toxics Cleanup Program (TCP) and Brownfields Program. CCPH has conducted initial investigations and site hazard assessments for Ecology since 1992. CCPH and Ecology will work together to identify and address brownfield sites that could benefit from this grant opportunity.

*Application for USEPA Brownfields Community-Wide Assessment Grant
Clark County Public Health, Washington – FY18*

Clark County has also engaged with the Cowlitz Indian Tribe, a Federally Acknowledged Government, and looks forward to collaborating with them on site selection prioritization and project outcomes beneficial to the County and the natural environment.

ii. Other Governmental Partnerships: CCPH has ongoing partnerships with all of our municipalities and will continue those relationships as we implement the grant.

Table 5: Public Sector and Governmental Partnerships	
Organization	Brownfields Role
City of Vancouver	Will participate on BAC and act as a resource for the County will assess future development scenarios in the EJ communities. Focus assistance on Fourth Plain Forward initiative.
City of Battle Ground	Will participate on BAC and act as a resource for the County to assess future development scenarios in industrial/commercial opportunity zones.
City of Ridgefield	Will participate on BAC and act as a resource for the County to assess future development scenarios in industrial/commercial opportunity zones.
City of Camas	Will participate on BAC and act as a resource for the County to assess future development scenarios in industrial/commercial opportunity zones.
City of Washougal	Will participate on BAC and act as a resource for the County to assess future development scenarios in industrial/commercial opportunity zones.
Cowlitz Indian Tribe	Will be involved with BAC. Will advise and collaborate on site prioritization and site selection.
Port of Vancouver	Will participate on BAC and act as a resource for the County to assess future development scenarios in industrial/commercial opportunity zones.
Port of Camas-Washougal	Will participate on BAC and act as a resource for the County to assess future development scenarios in industrial/commercial opportunity zones.

c. Partnerships with Community Organizations

i. Community Organization Description and Role:

Table 6: Community-Based Organization Partnerships	
Organization	Brownfields Role
Intertwine Alliance	Connect project with green development and natural area preservation organizations.
CREDC – Columbia Regional Economic Development Council	Participate on BAC; identify candidate sites or areas where existing tools/incentives for redevelopment assistance are available. Provide direct assistance to participating property owners.
CWEDA – Camas-Washougal Economic Development Association	Participate on BAC; identify candidate sites or areas where existing tools/incentives for redevelopment assistance are available. Provide direct assistance to participating property owners.
Neighborhood Associations (multiple)	Engaging with active community members, active on BAC, and help with engaging local business owners.

ii. Letters of Commitment: Letters of commitment from partner organizations and agencies are presented in Attachment B.

d. Partnerships with Workforce Development Programs

CCPH has connected with and will partner with Workforce Southwest Washington to participate in our outreach efforts and as sites move forward through Phase I and II ESAs.

4. PROJECT BENEFITS

a. Welfare, Environmental, and Public Health Benefits

Identifying and assessing priority brownfield sites will be the main tasks in this CWA project. Assessment of these sites will impart economic momentum into the EJ Target Area that will propel these sites into community hubs and employment centers. By assessing the presence and/or absence of soil and groundwater contamination at sites within the EJ Target Area, CCPH will then assist property owners by connecting them with cleanup resources, such as WA Department of Commerce's Brownfields Revolving Loan Fund (BRLF), WA Department of Ecology's Voluntary Cleanup Program (VCP), and technical assistance to search for historic general liability insurance policies. Applying these assistance tools will allow the removal of toxins from areas where health disparities are greatest. The CWA grant will also act as a catalyst to increase curbside appeal, further improving transportation options and walkability throughout the area. These positive changes will directly and indirectly improve overall health conditions of populations in the EJ Target Area.

Phase I and Phase II ESAs will help provide data to further evaluate public health threats in the area. The EJ Target Area several groundwater zones of contribution for multiple municipal drinking water well sources and also private wells. Citizens of Clark County depend on groundwater as their primary source of drinking water. The CWA grant will allow Public Health to assist municipalities and public water purveyors in identifying and isolating threats to drinking water sources. This improvement in environmental and public health will undoubtedly benefit the overall welfare of the community.

b. Economic and Community Benefits

The CWA grant will allow Clark County Public Health and its partners to strategically allocate assessment and assistance resources throughout the County, in EJ Communities, and County municipalities to achieve beneficial economic outcomes that will have the highest potential impact. Phase I and Phase II ESA's will help determine the extent of cleanup necessary, or determine that no cleanup action is necessary. This work will boost property investor confidence within the EJ Target Area and commercial/industrial properties. Cultivating vibrant business districts, helping small businesses to get support and grow, implementing projects to get healthy food businesses in the area, enhancing pedestrian safety, and improving public transit services will be beneficial outcomes of the CWA grant project.

5. PROGRAMMATIC CAPABILITY AND PAST PERFORMANCE

a. Audit Findings

There are no reported problems with the administration of any past grant programs. Clark County Public Health has not received any audit findings for over twenty years.

b. Programmatic Capability

For the Brownfields Community-Wide Assessment project, CCPH has assembled a qualified team that collectively has nearly 30 years of experience in assessment, cleanup and public health protection. In addition, we have a financial and grant/contracts team with over 25 years of experience in successful grant management and contract oversight.

*Application for USEPA Brownfields Community-Wide Assessment Grant
Clark County Public Health, Washington – FY18*

Chuck Harman, Program Manager, Environmental Public Health: Mr. Harman will provide management oversight through all phases of the project. Chuck has over 16 years of environmental assessment and cleanup experience while at the Oregon Department of Environmental Quality, serving for 8 years as DEQ Northwest Region’s Brownfields Coordinator. Chuck will guide outreach efforts by coordinating with CCPH leadership, other County departments and community partners.

Bryan DeDoncker, Environmental Health Specialist: Mr. DeDoncker will serve as the Project Director through all phases of the project. Bryan has over 15 years of experience in hazardous site assessment, technical assistance to businesses, and hazardous substance protection. Bryan has successfully administered the WA Department of Ecology Site Hazardous Assessment grant at CCPH for 13 years, completing 450 investigations and 50 site hazard assessments over that time. Bryan’s experience working with property owners and local officials will provide a practical approach to identifying sites and recruiting property owners.

Belinda Walker, Program Manager, Grants and Contracts: Mrs. Walker has been with Public Health for 17 years and manages the Grants & Contracts team that facilitates approximately 3.6 million dollars in federal grant funding. Belinda will oversee these elements of the grant; application, award, administration, monitoring and evaluation, compliance, procurement and closeout activities. Belinda completed the Grants Management Certificate Program for Federal Pass-Through agencies. In 2016 she implemented a Grant Management Plan for the department to provide guidance and training for finance and program staff in support of 2 CFR 200 and other state and local requirements that govern the management of public funding.

Jeff Harbison, Administrative Services Director: Mr. Harbison has served twelve years leading Public Health’s Business Services/Finance team. CCPH has been at the forefront of fiscal accountability; all three of its Grants & Contracts team members completed an extensive Federal Grants Management certification program following the implementation of updated Federal uniform guidance in 2.CFR.200. CCPH manages approximately \$3.6M per year (30% of its operating budget) in grant funding from all sources.

c. Measuring Environmental Results: Anticipated Outputs/Outcomes

Table 7 lists the outputs, outcomes, and tracking methods associated with the project tasks described in Section 2.b.i.

Table 7: Measuring Environmental Results	
Task	Methods of tracking and Measuring Progress
1. Project Management and Programmatic Activities	Outputs: Quarterly reports, Annual Project Reports, Project Closeout Report Outcomes: Effective management of project activities; Efficiency of time & resources Tracking Methods: Project Task and Budget reports; GANTT charts; Updates to EPA Region 10
2. Community Involvement	Outputs: Public Involvement Plan, Fact Sheets, On-line Video, Webpage/Facebook/Instagram, Public Meetings and Minutes, and Emails. Tracking Methods: Meetings and follow-up surveys; Webpage visit diagnostics; Eligible property owner level of involvement
3. Inventory, Prioritization and Eligibility	Outputs: Site Inventory and Prioritization Table, Webpage Outcomes: Informed Community; Informed business community; Interested

*Application for USEPA Brownfields Community-Wide Assessment Grant
Clark County Public Health, Washington – FY18*

Determinations	property owners. Tracking Methods: Updated inventory at BAC meetings; EPA reports
4. Phase I ESAs	Outputs: 20 ESA Reports, HASP, ACRES updates Outcomes: Identify and evaluate recognized environmental conditions on brownfield properties. Tracking Methods: ACRES updates; property owners progressing forward
5. Phase II ESAs	Outputs: QAPP, SSSAPs/HASPs, ESA Reports Outcomes: Characterize nature and extent of environmental conditions on sites where RECs are present. Tracking Methods: Properties assessed and remediated; property transactions; clean-up plans and redevelopment vision documents.

d. Past Performance and Accomplishments

ii. Has Not Received an EPA Brownfields Grant but has Received Other Federal or Non-Federal Assistance Agreements: Table 8 presents multiple examples of CCPH's ability to successfully achieve positive public health results through State and Federal grants.

Table 8: Past Performance				
Year	Outputs/Outcomes	Awarding Agency/Source	Description/Reporting/ Accomplishment	Amount
2011 - 2016	<ul style="list-style-type: none"> Case Management for HIV/AIDs Patients Prevent spread of HIV/AIDS 	Health Resources and Services Administration via Multnomah County (OR)	Ryan White Part B - Improve quality, availability, and organization of HIV health care and support services. Provided services to County clients	2011: \$211,685 2012: \$234,637 2013: \$232,000 2014: \$132,000 2016: \$145,000
2011 - 2014	<ul style="list-style-type: none"> Case Management for HIV/AIDs Patients Prevent spread of HIV/AIDS 	Health Resources and Services Administration	Ryan White Part A - Provide Medical and Support Services to HIV Patients Provided services to County clients	2011: \$144,000 2012: \$232,000 2013: \$139,000 2014: \$145,000
2011 - 2016	<ul style="list-style-type: none"> Hazardous release site assessments Protection of public health 	WA Dept. of Ecology	Site Hazardous Assessment - initial investigations (IIs) and site hazard assessments (SHAs). Successful grant completion meeting targeted IIs and SHAs each year.	2011-13: \$347,791 2013-15: \$357,521 2016-17: \$163,000
2015 - 2017	<ul style="list-style-type: none"> Connecting local food producers to school. Increased local food procurement. 	US Department of Agriculture	Farm to school grant - Increased purchasing of regionally-produced foods. Farm to fork field trip guide for elementary students.	\$133,000.00
2013 - 2016	<ul style="list-style-type: none"> Training and education. Decreased sodium in restaurant meals 	WA Dept. of Health	Sodium reduction – Culinary restaurant training to reduce sodium in menus, and increase purchase of low sodium food.	\$292,500.00
2016 - 2017	<ul style="list-style-type: none"> Technical assistance for SQGs Haz waste handling improvements 	WA Dept. of Ecology	Local Source Control - Technical assistance to businesses to reduce and manage hazardous substances. Completed targeted outreach goals and special elements.	2016: \$135,000 2017: \$171,000

ATTACHMENT A

Threshold Criteria for Assessment Grants

Clark County Public Health, Washington – FY18

1. Applicant Eligibility

Clark County is a general purpose unit of local government within the State of Washington. Public Health is a department of the Clark County government. Clark County Public Health (CCPH) meets full eligibility to apply for a Brownfield Community-Wide Assessment (CWA) grant.

2. Community Involvement

At the beginning of the project CCPH will establish a Brownfields Assessment, Assistance and Action (BA3) website that will have a calendar to announcement major events and meetings (including minutes), project description and plan, and who to contact. As the project progresses the BA3 website will be a central source for community information on the progress of the project.

Our initial outreach steps will be to establish a plan and organize at least 4 community outreach meetings in locations throughout the County in coordination with our community and municipal partners. Our initial announcement and meeting would be at a Board of Health meeting in Vancouver within the first month of the grant, followed by public meetings at locations centralized to reach most of our municipal partners and EJ community organizations.

The initial announcements will include a call to recruit Brownfield Advisory Committee (BAC) members, a description of the major elements of the project, and allow for questions and answers. The BAC will convene within the six weeks of the project and will consist of CCPH, economic development organizations, target community members, several municipality representatives and partner community organizations. The BAC's key roles will be to guide outreach and communications, develop the approach for identification and priority ranking of candidate sites, and guide strategies for enhancing revitalization efforts.

Engagement with community-based, non-governmental organizations will be accomplished through work with our partners and through existing CCPH programs. For example, our Green Neighbors and Healthy Communities Programs will engage their established contacts with community organizations (e.g. Intertwine Alliance) and neighborhood associations that encompass EJ communities (e.g. Rosemere Neighborhood Association).

Engagement with the business community will be accomplished through work with our economic partners, municipal Community Development offices and through CCPH's Green Business Program. The Green Business Program has been successful in promoting sustainable business practices in Clark County since the program launched in 2011. There are currently 74 certified Green Businesses, but the ranks are growing. Existing outreach opportunities that Green Business provides include monthly "morning blend" networking meetings, monthly newsletters, and the annual Clark County Green Awards ceremony.

ATTACHMENT B

Letters of Commitment & Leveraged Resources

Clark County Public Health, Washington – FY18



CLARK COUNTY WASHINGTON

PUBLIC HEALTH

clark.wa.gov

1601 E Fourth Plain Blvd, Bldg 17
PO Box 9825
Vancouver, WA 98666-8825
360.397.8000

November 15, 2017

Susan Morales
U.S. Environmental Protection Agency - Region 10
1200 Sixth Avenue, Suite 900
Mailstop: ECL-112
Seattle, WA 98101

Dear Ms. Morales,

An additional component of Clark County (WA) Public Health's (CCPH) commitment to the success of our proposed Brownfields Community Wide Assessment Grant project is leveraging of in-kind resources from several of our existing public health programs. Management and staff in our Chronic Disease Prevention, Green Business and Green Neighbors Programs will assist our project team in outreach and community engagement activities at the following levels:

Chronic Disease Prevention – \$2,300
Green Business - \$3,500
Green Neighbors - \$3,880

These programs have established strong connections to our community on issues of environmental health, solid waste reduction, personal health practices, and environmentally sustainable land and property management. These networks of businesses, community organizations and individuals will provide us with a diverse and widespread audience to promote and communicate the success of our project.

Sincerely,

A handwritten signature in black ink, appearing to read 'Alan Melnick', with a large, stylized loop at the end.

Alan Melnick, MD, MPH, CPH
Public Health Director/Health Officer
Clark County Public Health



November 14, 2017

Alan Melnick, MD, MPH, CPH
Director/Health Officer
Clark County Public Health
PO Box 9825
Vancouver, WA 98666-8825

RE: 2018 EPA Brownfields Community-Wide Assessment Grant – Letter of Support

Dear Dr. Alan Melnick:

Please accept this letter in support of the Clark County Public Health Department's application to the 2018 EPA Brownfields Community-Wide Assessment (CWA) Grant Program to identify, assess, and facilitate the redevelopment of brownfields in Clark County. EPA's CWA Grant Program will enable Clark County to progress public health and economic development goals by completing needed environmental site assessments and cleanup planning that will reduce exposure to environmental toxins and propel brownfields redevelopment in our community.

The City of Vancouver is the fourth largest City in Washington with a current population of approximately 181,000 persons, located in southern Clark County along the Columbia River. The City's Community Development Department includes a range of functions including long range planning economic development, building and permitting services, a Community Development Block Grant program, and other services overseeing Vancouver's built and natural environment, including an emerging brownfields program.

The Vancouver Community and Economic Development Department has worked closely with the Clark County Public Health Department in recent years, including completion of a Rapid Health Impact Assessment of the Vancouver Comprehensive Plan, collaboration on an analysis of pedestrian connections as part of a Kaiser funded HEAL grant, and partnering on various initiatives and events designed to address chronic health issues and enhance social connection within the Fourth Plain corridor.

The Vancouver Community and Economic Development Department fully supports Public Health's initiative to implement the CWA in Clark County and its municipalities. Historically, Clark County's growth and economic vitality was heavily dependent on natural resource-based

industries that contributed to the local and national economy. As these industries have diminished regionally, they have left behind sites that are underutilized or abandoned.

We envision actively supporting this project in a number of ways, including technical assistance; assistance with site selection and prioritization; outreach to disadvantaged populations as well as property owners and stakeholders as needed; attendance at community or project advisory committee meetings as needed; providing access to data, analyses, and other materials. We estimate our contribution will amount to approximately 30 hours of city staff time per year at a roughly estimated rate of \$60 per hour, for a total contribution in the range of \$5400 over the three year grant period.

We look forward to working with Clark County Public Health on this effort to further the community.

Sincerely,

A handwritten signature in black ink, appearing to read "Chad Eiken", with a long horizontal flourish extending to the right.

Chad Eiken

City of Vancouver Community and Economic Development Director



Cowlitz Indian Tribe

November 2, 2017

Alan Melnick, MD, MPH, CPH

Director/Health Officer

Clark County Public Health

PO Box 9825

Vancouver, WA 98666-8825

RE: 2018 EPA Brownfields Community-Wide Assessment Grant – Letter of Support

Dear Dr. Alan Melnick:

Please accept this letter in support of the Clark County Public Health Department's application to the 2018 EPA Brownfields Community-Wide Assessment (CWA) Grant Program to identify, assess, and facilitate the redevelopment of brownfields in Clark County. EPA's CWA Grant Program will enable Clark County to progress public health and economic development goals by completing needed environmental site assessments and cleanup planning that will reduce exposure to environmental toxins and propel brownfields redevelopment in our community.

The Cowlitz Indian Tribe is a Federally Acknowledged Government entity in the region. Our historic area includes a large portion of the Lower Columbia River Basin that spans on both sides of the Columbia River and into Oregon. Clark County's EPA Brownsfields Community Wide Assessment grant application is proposed within our homeland. This proposal would have direct and indirect consequences to our people.

The Cowlitz Indian Tribe supports Public Health's initiative to implement the CWA in Clark County and its municipalities. Historically, Clark County's growth and economic vitality was heavily dependent on natural resource-based industries that contributed to the local and national economy. As these industries have diminished regionally, they have left behind sites that are underutilized or abandoned. The Cowlitz Indian Tribe is committed to restoring our sacred resources. We are restoring rivers, forests, and food for our people and all people. We look into the future with Clark County to develop ethical, environmentally sensitive business opportunities that will create jobs and economic stability.

We support the grant implementation process and will commit to work with Clark County to identify and realize project goals for the benefit of Clark County and Cowlitz Indian Tribe people. We look forward to supporting and collaborating with Clark County Public Health and helping transform brownfield sites into community assets.

Please contact our Natural Resources Department Director, Taylor Aalvik or our Natural Resources Program Assistant, Tiffini Alexander for follow up communications and scheduling. Taylor can be reached at: 360-577-8140, or taylor.a@cowlitz.org, and Tiffini can be reached at: 360-577-8140, or talexander@cowlitz.org,

Sincerely Yours,

A handwritten signature in blue ink, appearing to read "William Lyall".

William Lyall, P.E

Chairman of the Cowlitz Indian Tribe



City of Battle Ground

Community Development Department
109 SW 1st Street, Suite 127, Battle Ground, WA 98604
360.342.5047

October 30, 2017

Clark County Public Health
c/o Alan Melnick, Director/Health Officer
1601 E. Fourth Plain Blvd
P.O. Box 9825
Vancouver, WA 98666-8825

RE: EPA Brownfields CWA Grant – Letter of Support

Dear Mr. Melnick,

Please accept this letter supporting Clark County's application to the EPA Brownfields Community-Wide Assessment (CWA) Grant Program to assess and facilitate redevelopment of brownfields in Clark County. The EPA CWA Program offers exciting potential to advance our mutual public health and economic development goals by funding the needed environmental site assessment and remediation planning, which will help facilitate cleanup and redevelopment of key sites.

The City of Battle Ground strives to encourage protection, preservation and enhancement through our development practices. We want to grow responsibly, ensuring public health and safety is always our top priority. Collaborating with Clark County to clean up known brownfield sites in and around the City of Battle Ground promotes and enables environmentally responsible, smart economic growth. Improving these sites will have multiple benefits for the citizens of Battle Ground, the water quality of our streams and ground water, and the economic competitiveness of the community's business climate.

The City of Battle Ground fully supports the project and would be willing to be a part of the Brownfields Advisory Committee as this project moves forward. The City looks forward to a beneficial partnership with Clark County as they work to characterize, assess and ultimately redevelop the brownfield sites.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jeff Swanson", followed by a long horizontal flourish.

Jeff Swanson
City Manager



COMMUNITY DEVELOPMENT DEPARTMENT

230 Pioneer Street | PO Box 608 | Ridgefield, WA 98642
(360) 887-3557 | Fax: (360) 887-0861 | www.ci.ridgefield.wa.us

November 2, 2017

Alan Melnick, MD, MPH, CPH
Director/Health Officer
Clark County Public Health
PO Box 9825
Vancouver, WA 98666-8825

RE:2018 EPA Brownfields Community-Wide Assessment Grant – Letter of Support

Dear Dr. Alan Melnick:

Please accept this letter in support of the Clark County Public Health Department's application to the 2018 EPA Brownfields Community-Wide Assessment (CWA) Grant Program to identify, assess, and facilitate the redevelopment of brownfields in Clark County. EPA's CWA Grant Program will enable Clark County to progress public health and economic development goals by completing needed environmental site assessments and cleanup planning that will reduce exposure to environmental toxins and propel brownfields redevelopment in our community.

The City of Ridgefield is a full service city providing municipal services to our residents and business owners. The City chose to become a full service municipality and took the necessary steps to incorporate in 1909. For most of its history the city has seen steady growth, but over the last decade growth has been explosive.

The City of Ridgefield fully supports Public Health's initiative to implement the CWA in Clark County and its municipalities. Historically, Clark County's growth and economic vitality was heavily dependent on natural resource-based industries that contributed to the local and national economy. As these industries have diminished regionally, they have left behind sites that are underutilized or abandoned. The City of Ridgefield welcomes the opportunity to support the Community Wide Assessment by assisting with site selection and prioritization efforts, assisting with outreach efforts, supporting property owner/stakeholder outreach, and providing support for community events.

We look forward to supporting and collaborating with Clark County Public Health and helping transform brownfield sites into community assets.

Sincerely,



Jeff Niten

Community Development Director

360-857-5013

Jeff.niten@ci.ridgefield.wa.us



Port of Vancouver USA

November 8, 2017

Alan Melnick, MD, MPH, CPH
Director/Health Officer
Clark County Public Health
PO Box 9825
Vancouver, WA 98666-8825

RE: 2018 EPA Brownfields Community-Wide Assessment Grant – Letter of Support

Dear Dr. Melnick:

The Port of Vancouver USA is pleased to submit this letter of support for the Clark County Public Health Department's application to the 2018 EPA Brownfields Community-Wide Assessment (CWA) Grant Program to identify, assess, and facilitate the redevelopment of brownfields in Clark County. EPA's CWA Grant Program will enable Clark County to progress public health and economic development goals by completing needed environmental site assessments and cleanup planning that will reduce exposure to environmental toxins and propel brownfields redevelopment in our community.

The Port of Vancouver is a 105-year-old economic engine located on more than 1,600 acres along the Columbia River in Vancouver, Washington. The third-largest port in Washington, our mission is to provide economic benefit to our community through leadership, stewardship and partnership in marine, industrial and waterfront development.

We are a public entity—a quasi-municipality—that exists within Clark County. This has resulted in many cooperative interactions as we and the County have worked to attract new industry and promote trade and economic development in our community and region.

Partnership efforts over the years include the Vancouver Lake Watersheds Partnership; supporting SB 5517, which rezones rail-adjacent properties from resource lands to industrial lands, and; performing a feasibility study for the 32nd Avenue extension.

The Port of Vancouver fully supports Public Health's initiative to implement the CWA in Clark County and its municipalities. Historically, Clark County's growth and economic vitality was heavily dependent on natural resource-based industries that contributed to the local and national economy. As these industries have diminished regionally, they have left behind sites that are underutilized or abandoned.

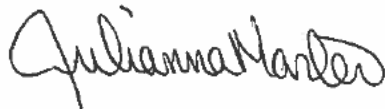
We are excited to continue partnering with the County to help guide this important initiative. If the County is successful in securing CWA grant funding, the Port of Vancouver pledges to assist with successful implementation of the grant in one or more of the following ways:

- Attending the community outreach meeting hosted in support of the Fiscal Year 2018 Brownfield Assessment Grant application.
- Providing technical assistance or peer review when feasible.
- Assisting with identification of brownfields.
- Attending project advisory committee meetings (2-3 per year) and other outreach events.
- Offering space for meetings and community outreach events.
- Distributing relevant project information to our constituents/stakeholders/employees at meetings and via our newsletters, website and social media.
- Providing access to historical data, photographs, printed materials, and other relevant materials from our substantial records collection.

We conservatively estimate **10 hours per year** of in-kind contributions of staff time for the activities described above. Assuming **\$78 per hour** for personnel time, this amounts to an estimated total of **\$2,340** (hours per year x hourly rate x 3 years) over the three-year grant project period.

The Port of Vancouver has worked hard with Clark County to promote trade and industry. We look forward to continuing our long and successful partnership as we revitalize and transform our neighborhoods and economy.

Sincerely,



Julianna Marler
CEO/Executive Director
360-693-3611
jmarler@portvanusa.com

November 13, 2017

Alan Melnick, MD, MPH, CPH
Director/Health Officer
Clark County Public Health
P.O. Box 9825
Vancouver, WA 98666-8825

Re: 2018 EPA Brownfields Community-Wide Assessment Grant – Letter of Support

Dear Mr. Alan Melnick:

I am writing to express the support of the Columbia River Economic Development Council (CREDC) for the Clark County Public Health Department's application to the 2018 EPA Brownfields Community-Wide Assessment Grant (CWA) application to identify, assess, and facilitate the redevelopment of brownfields in Clark County.


Serving as the Associate Development Organization for Clark County, the CREDC is a public-private partnership of over 150 investors and strategic partners working together to advance the economic vitality of the community through business growth and innovation. In support of this mission, the CREDC seeks to foster a region with a vibrant business community that retains and grows high-value companies, balanced with an improved quality of life. This EPA grant opportunity would support economic development goals by completing needed environmental site assessments that will propel brownfields redevelopment in our community to capitalize on new opportunities and to create jobs.

CREDC partnered with Clark County and other stakeholders to create an employment land inventory in 2016. This inventory relied on the Washington State Department of Ecology's *Confirmed & Suspected Contaminated Sites List* and local knowledge to identify brownfields. This grant could contribute to a more reliable inventory to ensure that stakeholders are aware of the severity of contamination and expected cleanup time.

CREDC fully supports the Public Health Department's initiative to implement the CWA in Clark County and its municipalities. Clark County's growth and economic vitality has historically relied on natural resource-based industries, which have now left sites underutilized or abandoned. We commit to supporting peer reviews when appropriate, assisting with site selection and prioritization efforts, and attending advisory committee meetings throughout the next year.

Removing barriers to site development and proactively fostering site readiness tied to business needs is a critical component of CREDC's economic strategies. We thank you for your consideration of this grant application.

Sincerely,



Mike Bomar, President
CREDC



P.O. Box 981
Camas, Washington 98607
(360) 607-9816
www.cweda.org

November 15, 2017

Alan Melnick, MD, MPH, CPH
Director/Health Officer
Clark County Public Health
PO Box 9825
Vancouver, WA 98666-8825

RE: 2018 EPA Brownfields Community-Wide Assessment Grant – Letter of Support

Dear Dr. Alan Melnick:

On behalf of the Camas-Washougal Economic Development Association (CWEDA), cities of Camas and Washougal, and the Port of Camas-Washougal, please accept this letter in support of the Clark County Public Health Department's application to the 2018 EPA Brownfields Community-Wide Assessment (CWA) Grant Program to identify, assess, and facilitate the redevelopment of brownfields in Clark County. EPA's CWA Grant Program will enable Clark County to progress public health and economic development goals by completing needed environmental site assessments and cleanup planning that will reduce exposure to environmental toxins and propel brownfields redevelopment in our community.

The Camas-Washougal Economic Development Association (CWEDA) was created in 2011 by the leadership of the cities of Washougal and Camas and the Port of Camas-Washougal. The primary mission of CWEDA is to help existing businesses succeed and bring new businesses and jobs to the area. This unique and powerful partnership is devoted to the economic success of the area. Our teamwork creates an environment for business to locate here quickly and continue to grow.

CWEDA fully supports Public Health's initiative to implement the CWA in Clark County and its municipalities. Historically, Clark County's growth and economic vitality was heavily dependent on natural resource-based industries that contributed to the local and national economy. As these industries have diminished regionally, they have left behind sites that are underutilized or abandoned. Our organization anticipates assisting Clark County Public Health Department by:

- Providing technical assistance or peer review when feasible.
- Assisting with site selection and prioritization efforts.
- Supporting property owner/stakeholder outreach as appropriate.
- Attending the community outreach meeting hosted in support of the Public Health's Assessment Grant Application.
- Attending 2-3 project advisory committee meetings per year.

- Providing meeting/event space.
- Distributing relevant project information to our members/constituents/employees at our quarterly meetings and via our newsletter, website, or social media.
- Providing access to historical data, analysis, photographs, printed materials (such as plats and Sanborn maps), and other relevant materials from our substantial records collection.
- Otherwise supporting the grant implementation process.

CWEDA looks forward to partnering with Clark County Public Health Department in identifying, assessing, and ultimately returning brownfield sites to a productive use for the community.

Sincerely,

A handwritten signature in black ink that reads "Paul Dennis". The signature is written in a cursive, flowing style.

Paul Dennis
President/CEO

November 8, 2017

Alan Melnick, MD, MPH, CPH
Clark County Public Health
PO Box 9825
Vancouver, WA 98666-8825

RE: 2018 EPA Brownfields Community-Wide Assessment Grant – Letter of Support



Dear Dr. Alan Melnick:

Please accept this letter in support of the Clark County Public Health Department's application to the 2018 EPA Brownfields Community-Wide Assessment (CWA) Grant Program. The important work of identifying, assessing, and facilitating the redevelopment of brownfields is critical in creating healthy, thriving communities and neighborhoods. The Intertwine Alliance, a four-county coalition of over 160 private, non-profit and government groups is committed to more fully integrating nature into our urban and suburban spheres. Our mission is to leverage investments in nature to create positive environmental, transportation, education, recreation, health, economic and social outcomes for our community. We do this by building connections across sectors, geographies, disciplines and racial divides, deepening the partnerships and collaborations necessary to accomplish large-scale change.

Some of the most significant work we are doing right now mines the confluence of the health and environmental sectors. Having identified the social determinants of health as a critical focus to building healthy communities, the Alliance is working on surfacing the important role nearby nature can play in transforming neighborhoods and addressing a range of health challenges. The brownfields work that CCPH is intending on implementing is critical in removing harmful contaminants from our neighborhoods – this work has been transformational elsewhere having impacts that extend beyond the basic goal of toxin removal to include success with issues around social cohesion while developing a stronger sense of place.

As a convener of groups in Clark County, The Intertwine Alliance fully supports Public Health's initiative to implement the CWA in Clark County and its municipalities. We will use the many platforms and gatherings we develop to support cross-sector conversations and build needed collaborations that will help this effort to be a success. We look forward to being a part of this project to create a healthier Clark County.

Sincerely,

David Cohen, Program Director
The Intertwine Alliance
david@theintertwine.org
503 445-0991



2100 S.W. River Parkway, Suite 450 Portland, OR 97201
503-445-0991 www.theintertwine.org



2100 S.W. River Parkway, Suite 450 Portland, OR 97201
503-445-0991 www.theintertwine.org

Application for Federal Assistance SF-424

* 1. Type of Submission:

- ☐ Preapplication
☒ Application
☐ Changed/Corrected Application

* 2. Type of Application:

- ☒ New
☐ Continuation
☐ Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received:

11/16/2017

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name:

Clark County

* b. Employer/Taxpayer Identification Number (EIN/TIN):

(b) (4)

* c. Organizational DUNS:

0307837570000

d. Address:

* Street1:

PO Box 9825

Street2:

* City:

Vancouver

County/Parish:

Clark

* State:

WA: Washington

Province:

* Country:

USA: UNITED STATES

* Zip / Postal Code:

98666-8825

e. Organizational Unit:

Department Name:

Public Health

Division Name:

Environmental Public Health

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

Mr.

* First Name:

Chuck

Middle Name:

William

* Last Name:

Harman

Suffix:

Title:

Program Manager

Organizational Affiliation:

Public Health

* Telephone Number:

(360) 397-8019

Fax Number:

* Email:

chuck.harman@clark.wa.gov

Application for Federal Assistance SF-424

* 9. Type of Applicant 1: Select Applicant Type:

B: County Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

* 10. Name of Federal Agency:

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.818

CFDA Title:

Brownfields Assessment and Cleanup Cooperative Agreements

* 12. Funding Opportunity Number:

EPA-OLEM-OBLR-17-07

* Title:

FY18 GUIDELINES FOR BROWNFIELDS ASSESSMENT GRANTS

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment

Delete Attachment

View Attachment

* 15. Descriptive Title of Applicant's Project:

Clark County WA 2018 Brownfields Community Wide Assessment Grant -

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424**16. Congressional Districts Of:*** a. Applicant * b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachment

17. Proposed Project:* a. Start Date: * b. End Date: **18. Estimated Funding (\$):**

* a. Federal	<input type="text" value="300,000.00"/>
* b. Applicant	<input type="text" value="20,080.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="5,400.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="325,480.00"/>

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- ☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .
- ☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- ☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name:

Middle Name:

* Last Name:

Suffix:

* Title: * Telephone Number: Fax Number: * Email: * Signature of Authorized Representative: * Date Signed: